

Converting Colors

Hex(454A49)

Have a look what the booklet for
Hex(454A49) contains.

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Color

Hex(454A49)

Conversions

Conversions Part 1

Format	Color
Hex	454A49
RGB	69, 74, 73
RGB Percent	27%, 29%, 29%
CMY	0.7294, 0.7098, 0.7137
CMYK	0.07, 0.00, 0.01, 0.71
HSL	168°, 3%, 28%
HSV	168°, 7%, 29%
XYZ	6.1056, 6.6438, 7.2639
YIQ	72.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

Format	Color
RYB	69, 72, 74
Decimal	4541001
CIELab	30.98, -2.26, -0.11
CIElCh	31, 2.263, 182.826
Yxy	6.6438, 0.3051, 0.3320
Android (android.graphics.Color)	4282731081 (0xFF454A49)
YUV	72.3910, 0.3002, -2.9739
Hunter-Lab	25.7756, -2.8249, 1.3342

Details

The Hex color **454A49** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4546**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **757B79**, and **1A1E1E** is the 20% darker color. If you saturate the color by 10%, you get **3E4A48**, and if you desaturate by 10%, it is **4C4A4A**.

Distribution



Red (27%)

Green (29%)

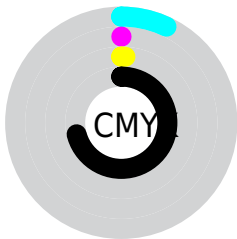
Blue (29%)



Red (27%)

Yellow (28%)

Blue (29%)

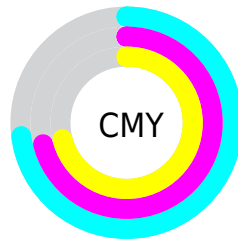


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454A49 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 454A49 by changing the saturation by 10% instead.



454A49



454A49

FFFFFF



2F3333



757B79



1A1E1E



8F9493



000504



A9AFAE



000000



C4CAC9



E0E6E5

FDFFFF



454A49



454A49



3E4A48



4C4A4A

■ 364A46

■ 544A4C

■ 2F4A45

■ 5B4A4D

■ 274A43

■ 634A4F

■ 204A42

■ 6A4A50

■ 194A40

■ 714A52

■ 114A3F

■ 794A53

■ 0A4A3D

■ 804A55

■ 024A3C

■ 884A56

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



464A47



454A49



454A4B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



454A49



4A484C



4C4846

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



454A49



4A4546

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4D4847



454A49



4B484B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



454A49



47494C



4D4849



4A4945

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



454A49



454A4C



4D4849



4C4846

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



454A49



5F6161



464A45



2F3030



B0B0B0



303030

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



454A49



59615F



45494A



222625



006652



00E6B8

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4A4546



61595B



4A4645



262223



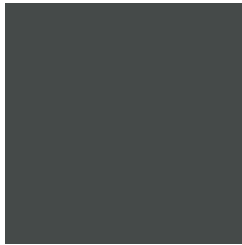
660014



E6002E

Previews

White Background



This preview shows how the Hex color 454A49 looks on a white background.

Color Contrast Check

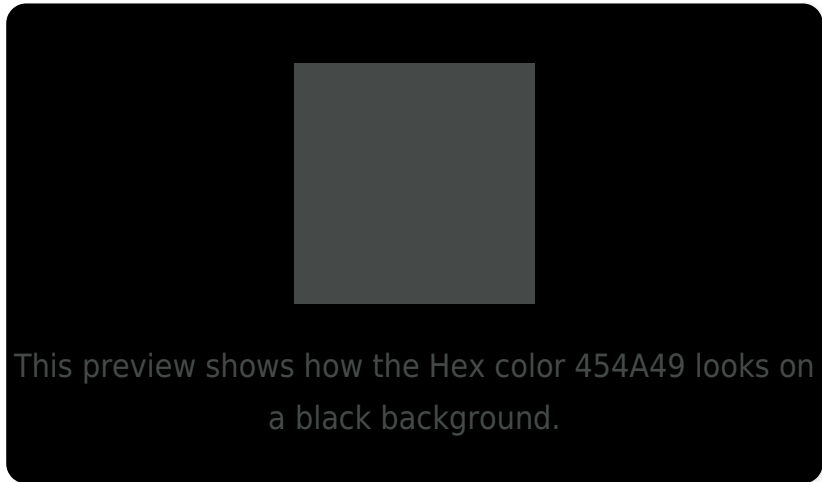
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

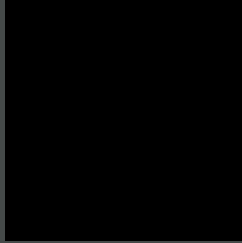
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

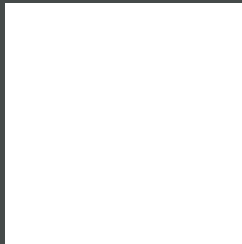
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 454A49 Background



This preview shows how black text looks on a background with the Hex color 454A49.

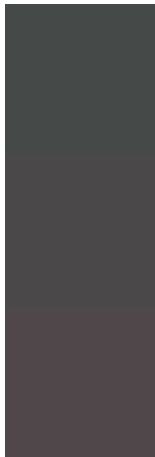


This preview shows how white text looks on a background with the Hex color 454A49.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

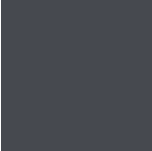
Dichromacy



Original Color
454A49

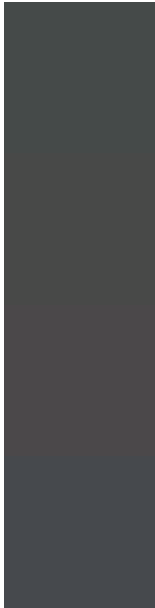
Protanopia
4A4848

Deuteranopia
4F474A



Tritanopia
46494F

Trichromacy



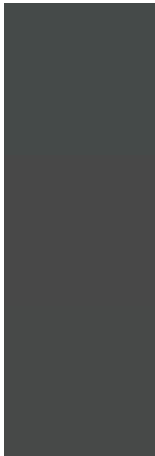
Original Color
454A49

Protanomaly
484948

Deuteranomaly
4B484A

Tritanomaly
46494D

Monochromacy



Original Color
454A49

Achromatopsia
484848

Achromatomaly
474948

CSS Examples

Text

The CSS property to change the color of the text to Hex 454A49 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #454A49 looks like.

```
.text, #text, p{  
    color:#454A49  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #454A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454A49
}
```

Border

The CSS property to change the border of an element to Hex 454A49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

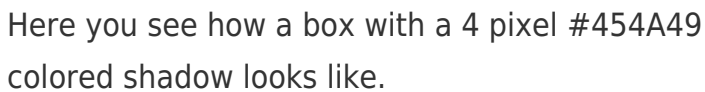
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454A49 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#454A49 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #454A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454A49; -webkit-box-shadow:4px 4px  
4px 4px #454A49; box-shadow:4px 4px 4px  
4px #454A49 }
```

Background

The CSS property to change the background color of an element to Hex 454A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454A49 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#454A49 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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